

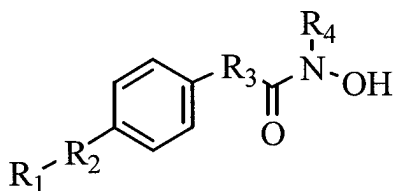
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

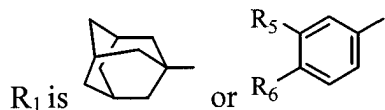
1. (Currently amended) A hydroxamic acid derivative represented by the following formula (I):

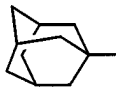
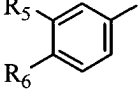
[Formula 1]



(I)

wherein,

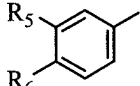


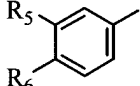
R₁ is _or , wherein, R₅ and R₆ each independently represents a hydrogen atom, an alkyl group having from 1 to 10 carbon atoms or a cyclic alkyl group having from 3 to 6 carbon atoms;

R₂ is CONH, NHCO, CONR₇ or NR₇CO, herein, R₇ represents an alkyl group having from 1 to 10 carbon atoms;

R₃ is ~~-(CH)~~_n--(CH₂)_n-, herein, n = 0 or 1; and

R₄ is a hydrogen atom or an alkyl group having from 1 to 10 carbon atoms;

on the proviso that compounds in which R_1 is  wherein R_5 and R_6 each are H,

R_2 is CONH, and $n=0$, and compounds in which R_1 is  wherein R_5 is H and R_6 is CH_3 ,
 R_2 is CONH and $n=0$ or 1 are excluded.

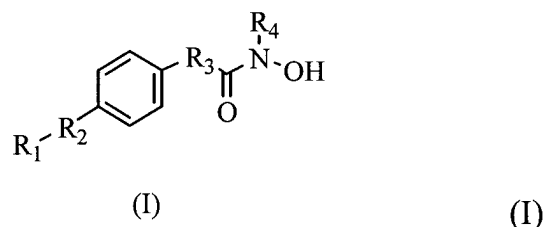
2. (Currently amended) The hydroxamic acid derivative according to Claim 1, which is selected from the group consisting of

N-[4-(N-hydroxycarbamoyl)phenyl] benzamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-methylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][3-methylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-ethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-propylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-isopropylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][4-*tert*-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl][3,4-dimethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl] adamantyl carboxyamide,
adamantyl-N-[4-(N-hydroxy-N-methylcarbamoyl)phenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-benzamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-methylphenyl] carboxyamide,

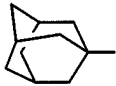
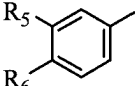
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[3-methylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-ethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-propylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-isopropylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[4-*tert*-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-[3,4-dimethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoyl)phenyl] adamantyl-N-methylcarboxyamide,
adamantyl-N-[4-(N-hydroxy-N-methylcarbamoyl)phenyl]-N-methylcarboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl] benzamide,
~~N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-methylphenyl]carboxyamide,~~
N-[4-(N-hydroxycarbamoylemethyl)phenyl][3-methylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-ethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-propylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-isopropylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][4-*tert*-butylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl][3,4-dimethylphenyl] carboxyamide,
N-[4-(N-hydroxycarbamoylemethyl)phenyl] adamantyl carboxyamide,
2-[4-(adamantylcarbonylamino)phenyl]-N-hydroxy-N-methylacetamide,
~~[4-(N-hydroxycarbamoyl)phenyl]-N-benzamide,~~

[4-(N-hydroxycarbamoyl)phenyl]-N-[4-methylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[3-methylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[4-ethylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[4-propylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[4-isopropylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[4-butylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[4-*tert*-butylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-[3,4-dimethylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-adamantyl carboxyamide,
N-adamantyl [4-(N-hydroxy-N-methylcarbamoyl)phenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-benzamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-methylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[3-methylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-ethylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-propylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-isopropylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-butylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[4-*tert*-butylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-methyl-N-[3,4-dimethylphenyl] carboxyamide,
[4-(N-hydroxycarbamoyl)phenyl]-N-adamantyl-N-methylcarboxyamide, and
N-adamantyl [4-(N-hydroxy-N-methylcarbamoyl)phenyl]-N-methylcarboxyamide.

3. (Currently amended) A method for preparing ~~the~~ a hydroxamic acid ~~derivative~~
 according to ~~Claim 1~~ represented by the following formula (I):



wherein,

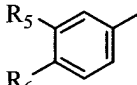
R₁ is  or , wherein, R₅ and R₆ each independently represents a

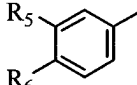
hydrogen atom, an alkyl group having from 1 to 10 carbon atoms or a cyclic alkyl group having from 3 to 6 carbon atoms;

R₂ is CONH, NHCO, CONR₇ or NR₇CO, herein, R₇ represents an alkyl group having from 1 to 10 carbon atoms;

R₃ is -(CH₂)_n-, herein, n = 0 or 1; and

R₄ is a hydrogen atom or an alkyl group having from 1 to 10 carbon atoms;

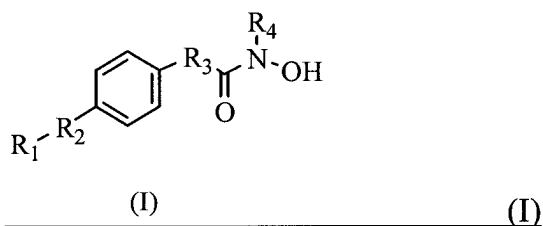
on the proviso that compounds in which R₁ is  wherein R₅ and R₆ each are H,

R₂ is CONH, and n=0, and compounds in which R₁ is  wherein R₅ is H and R₆ is CH₃,

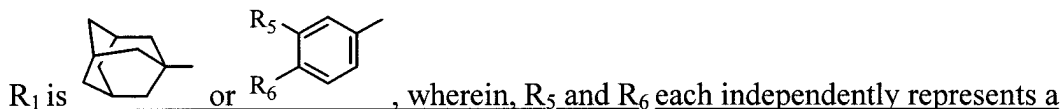
R₂ is CONH and n=0 or 1 are excluded, which comprises the steps of:

- (a) ~~Reacting-reacting~~ benzoic acid or adamantanecarboxylic acid with methyl 4-aminobenzoate or 4-aminophenylacetic acid methylester, to produce a benzamide compound;
- (b) ~~Substituting an alkyl group for amide bond of benzamide formed in said~~
stepoptionally, substituting an amide bond of the benzamide formed in step (a) with an alkyl group,
to produce an alkyl-substituted benzamide compound;
- (c) ~~Hydrolyzing-hydrolyzing~~ a methylester of the benzamide formed in step (a) or the
alkyl-substituted benzamide compounds formed in ~~said steps~~ step (b), to produce an acid; and
- (d) ~~Reacting-reacting~~ said acid with hydroxylamine hydrochloride or N-methyl
hydroxylamine hydrochloride, to produce a hydroxamic acid derivative.

4. (Currently amended) A method for preparing ~~the a~~ hydroxamic acid derivative
represented by the following formula (I):



wherein,

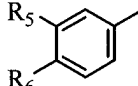


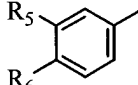
hydrogen atom, an alkyl group having from 1 to 10 carbon atoms or a cyclic alkyl group having
from 3 to 6 carbon atoms;

R₂ is CONH, NHCO, CONR₇ or NR₇CO, herein, R₇ represents an alkyl group having from 1 to 10 carbon atoms;

R₃ is -(CH₂)_n-, herein, n = 0 or 1; and

R₄ is a hydrogen atom or an alkyl group having from 1 to 10 carbon atoms;

on the proviso that compounds in which R₁ is  wherein R₅ and R₆ each are H,

R₂ is CONH, and n=0, and compounds in which R₁ is  wherein R₅ is H and R₆ is CH₃,

R₂ is CONH and n=0 or 1 are excluded according to Claim 1, which comprises the steps of :

- (a) ~~Reacting-reacting~~ aniline or adamantamine with monomethylterephthalate, to produce a benzamide compound;
- (b) ~~Substituting an alkyl group for amide bond of benzamide formed in said~~
stepoptionally, substituting an amide bond of the benzamide formed in step (a) with an alkyl group,
to produce an alkyl-substituted benzamide compound
- (c) ~~Hydrolyzing-hydrolyzing~~ a methylester of the benzamide formed in step (a) or the
alkyl-substituted benzamide compounds formed in ~~said steps~~step (b), to produce an acid; and
- (d) ~~Reacting-reacting~~ said acid with hydroxylamine hydrochloride or N-methyl
hydroxylamine hydrochloride, to produce a hydroxamic acid derivative.

5. (Original) A skin-care external composition for preventing skin aging, containing the hydroxamic acid derivative according to Claim 1 as an active ingredient.

Amendment under 37 C.F.R. 1.111
USSN 10/595,124

6. (Original) A collagenase expression-inhibiting agent containing the hydroxamic acid derivative according to Claim 1 as an active ingredient.

7. (Original) An elastase expression-inhibiting agent containing the hydroxamic acid derivative according to Claim 1 as an active ingredient.